

CLAIMS

1. A polybenzazole composition containing a basic substance.

2. A polybenzazole composition according to claim 1,
5 wherein the basic substance is an organic compound.

3. A polybenzazole composition according to claim 1,
wherein the basic substance is an organic compound soluble
in water or a hydrophilic solvent.

4. A polybenzazole composition according to claim 1,
10 wherein the basic substance is selected from the group
consisting of guanidines, triazoles, quinazolines,
piperidines, anilines, pyridines and cyanuric acids.

5. A polybenzazole fiber comprising a polybenzazole
composition according to claim 1.

6. A polybenzazole film comprising a polybenzazole
15 composition according to claim 1.

7. A polybenzazole fiber according to claim 5, which
contains a basic organic compound in the form of a monomer
or a condensate.

8. A polybenzazole fiber according to claim 5, which
20 contains a basic organic compound selected from the group
consisting of p-phenylenediamine, m-phenylenediamine and a
mixture thereof in the form of a monomer or a condensate.

9. A polybenzazole fiber according to claim 5,
25 wherein the X-ray meridian diffraction half-width factor is
0.3°/GPa or less.

10. A polybenzazole fiber according to claim 5,
wherein the elasticity decrement E_r attributed to change of
molecular orientation is 30 GPa or less.

11. A polybenzazole fiber according to claim 5,
30 wherein the breaking strength of the fiber is 1 GPa or more.

12. A polybenzazole fiber according to claim 5, which

is a staple fiber.

13. A polybenzazole spun yarn comprising a polybenzazole fiber according to claim 5.

5 14. A polybenzazole woven or knitted fabric comprising a polybenzazole fiber according to claim 5.

15. A polybenzazole felt material comprising a polybenzazole fiber according to claim 5.

16. A polybenzazole composite material comprising a polybenzazole fiber according to claim 5.

10 17. A polybenzazole cord comprising a polybenzazole fiber according to claim 5.

18. A polybenzazole rod comprising a polybenzazole fiber according to claim 5.

15 19. A polybenzazole fibrous sheet for reinforcing cement and concrete, said sheet comprising a polybenzazole fiber according to claim 5.

20. A polybenzazole fibrous sheet for reinforcing cement and concrete, wherein the breaking strength of said sheet is 50 kg/cm or more.

20 21. A high strength fiber comprising a polybenzazole fiber according to claim 5.

22. A knife-proof vest comprising a polybenzazole fiber according to claim 5.

25 23. A bullet-proof vest comprising a polybenzazole fiber according to claim 5.